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GOHDLAMP GU10

GOHDLAMP GU10 LED Bulb Instruction Manual

Brand: GOHDLAMP | Model: GU10 Dimmable LED Bulb

1. INTRODUCTION

Thank you for choosing GOHDLAMP GU10 Dimmable LED Bulbs. This manual provides essential information for the safe and efficient use of your new LED bulbs. Please read it thoroughly before installation and keep it for future reference.



This image displays the complete set of six GOHDLAMP GU10 Dimmable LED Bulbs, highlighting their compact design and standard GU10 base.

Key Features:

- **High Performance:** 450 lumens brightness with a stable 2700K warm white glow, 85+ CRI for vivid colors, and a 38-degree beam angle.
- **Energy Efficient:** 5W LED equivalent to traditional 50W halogen bulbs, saving up to 90% on electricity bills.
- **Eye Protection:** Flicker-free operation, no UV or IR radiation, preventing eye fatigue and ensuring instant, bright light.
- **Easy Installation:** Standard MR16 shape with universal GU10/bi-pin locking base, designed for simple screw-in installation.
- **Wide Application:** Suitable for various settings including recessed track lighting, kitchens, living rooms, bedrooms, bathrooms, and offices.

2. SAFETY INFORMATION

Please observe the following safety precautions to prevent injury or damage to the product:

- Always turn off the power supply before installing, removing, or cleaning the bulb.
- Do not disassemble or modify the bulb. There are no user-serviceable parts inside.
- Ensure the bulb is compatible with your fixture's voltage (230 Volts AC).
- Do not use in fully enclosed fixtures without proper ventilation, as this may shorten bulb lifespan.
- Avoid touching the bulb immediately after use, as it may be hot.
- Dispose of used bulbs according to local regulations.

3. PACKAGE CONTENTS

Your GOHDLAMP GU10 LED Bulb package includes:

- 6 x GOHDLAMP GU10 Dimmable LED Bulbs (2700K Warm White)

4. SETUP AND INSTALLATION

Follow these steps to install your GOHDLAMP GU10 LED Bulbs:

1. **Turn off Power:** Before starting, ensure the power to the light fixture is completely turned off at the circuit breaker.
2. **Remove Old Bulb:** If replacing an existing bulb, allow it to cool down, then gently twist and pull it out of the GU10 socket.
3. **Insert New Bulb:** Align the two pins of the GOHDLAMP GU10 LED bulb with the holes in the GU10 socket. Gently push the bulb into the socket and twist it clockwise until it locks securely into place.
4. **Restore Power:** Once the bulb is securely installed, turn the power back on at the circuit breaker.
5. **Test:** Turn on the light switch to confirm the bulb is working correctly.

Dimmable

Gu10 LED Bulbs

Details



This image provides the physical dimensions of the GOHDLAMP GU10 LED bulb (1.97 inches diameter, 2.16 inches height) and clarifies its GU10 base compatibility, distinguishing it from GU5.3.

5. OPERATING INSTRUCTIONS

Your GOHDLAMP GU10 LED bulbs are designed for simple operation and dimming functionality:

- **On/Off:** Use your standard light switch to turn the bulbs on or off.
- **Dimming:** These bulbs are dimmable. If your fixture is connected to a compatible LED dimmer switch, you can adjust the light intensity smoothly from 1% to 100%. Ensure your dimmer is specifically designed for LED lights to avoid flickering or performance issues.

GU10 Dimmable LED Bulbs

- Smooth Dimming from 1%-100%
- Compatible with Most LED Dimmers



A visual representation of the GOHDLAMP GU10 LED bulbs installed in track lighting, showcasing their smooth dimming capability from 1% to 100% and compatibility with most LED dimmers.

6. CARE AND MAINTENANCE

To ensure the longevity and optimal performance of your GOHDLAMP GU10 LED bulbs:

- **Cleaning:** Before cleaning, ensure the power is off and the bulb has cooled. Wipe the bulb with a soft, dry cloth. Do not use liquid or abrasive cleaners.
- **Replacement:** While LED bulbs have a long lifespan, if replacement is needed, follow the installation steps in Section 4.
- **Storage:** If storing bulbs, keep them in their original packaging in a cool, dry place.

7. TROUBLESHOOTING

If you encounter issues with your GOHDLAMP GU10 LED bulbs, refer to the table below:

Problem	Possible Cause	Solution
Bulb does not light up.	No power, loose connection, faulty bulb.	Check power supply, ensure bulb is securely twisted into socket, try bulb in another fixture.
Bulb flickers or buzzes.	Incompatible dimmer, loose connection, circuit overload.	Ensure dimmer is LED compatible, check connection, reduce load on circuit.
Bulb does not dim properly.	Incompatible dimmer, dimmer range limitation.	Verify dimmer is LED compatible and designed for the bulb's wattage range.
Light output is too low.	Dimmer setting, incorrect bulb for application.	Adjust dimmer to maximum brightness. Ensure bulb lumen output meets your needs.

8. TECHNICAL SPECIFICATIONS

Detailed specifications for the GOHDLAMP GU10 LED Bulb:

Specification	Value
Brand	GOHDLAMP
Model Number	BL-GU102700K6pcs-O1
Dimensions (L x W x H)	5 x 5 x 5.49 cm
Weight	260 grams (for 6 bulbs)
Color Temperature	2700 Kelvin (Warm White)
Luminous Flux	450 lm
Wattage	5 Watts
Incandescent Equivalent	50 Watts
Voltage	230 Volts
Cap Type / Base	GU10
Beam Angle	38 degrees
Color Rendering Index (CRI)	90
Special Features	Dimmable, Energy Efficient
Material	Thermal Plastic



The EU energy efficiency label for the GOHDLAMP GU10 LED bulb, indicating an energy class of F and 5 kWh/1000h consumption. For more details, visit the [EPREL database](#).

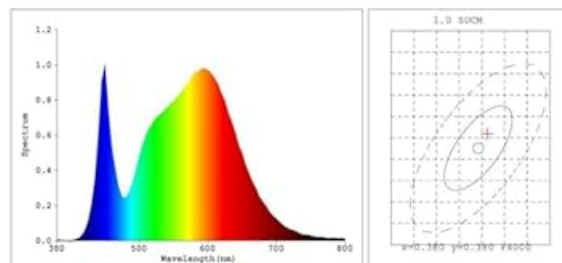
Produktdatenblatt			
DELEGIERTE VERORDNUNG (EU) 2019/2015 DER KOMMISSION zur Energieverbrauchskennzeichnung von Lichtquellen			
Name oder Handelsmarke des Lieferanten: GOHDLAMP			
Anschrift des Lieferanten: SHENZHEN BAOMINGDA SEMI-CONDUCTOR LIGHTING CO., LTD., Via Vilfredo Pareto 125, IT			
Modellkennung: BL-EUGU10-SW			
Art der Lichtquelle:			
Verwendete Beleuchtungstechnologie:	LED	Ungebündelt oder gebündelt:	NDLS
Art des Sockels der Lichtquelle (oder andere elektrische Schnittstelle)	GU10		
Netzspannung/Nicht direkt an die Netzspannung angeschlossen:	NMLS	Vernetzte Lichtquelle (CLS):	Nein
Farblich abstimmbare Lichtquelle:	Nein	Hülle:	-
Lichtquelle mit hoher Leuchtdichte:	Nein		
Blendschutzschild:	Nein	Dimmbar:	Ja
Produktparameter			
Parameter	Wert	Parameter	Wert
Allgemeine Produktparameter:			
Energieverbrauch im Ein-Zustand (kWh/1000 h), auf die nächstliegende ganze Zahl gerundet	5	Energieeffizienzklasse	F
Nutzlichtstrom (ϕ_{use}) mit Angabe, ob sich der Wert auf den Lichtstrom in einer Kugel (360°), in einem breiten Kegel (120°) oder in einem schmalen Kegel (90°) bezieht	478 in schmalen Kegel (90°)	ähnliche Farbtemperatur, gerundet auf die nächstliegenden 100 K, oder Spanne der einstellbaren ähnlichen Farbtemperaturen, gerundet auf die nächstliegenden 100 K	4 000
Leistungsaufnahme im Ein-Zustand (P_{on}) in W	5,0	Leistungsaufnahme im Bereitschaftszustand (P_{sb}) in W, auf die zweite Dezimalstelle gerundet	0,10
Leistungsaufnahme im vernetzten Bereitschaftsbetrieb (P_{net})	-	Farbwiedergabeindex, auf die	82

für CLS in W, auf die zweite Dezimalstelle gerundet			nächstliegende ganze Zahl gerundet, oder Spanne der einstellbaren CRI-Werte	
äußere Abmessungen, ggf. ohne separates Betriebsgerät, Beleuchtungssteuerungsteile und Nicht-Beleuchtungsteile (Millimeter)	Höhe	55	Spektrale Strahlungsverteilung im Bereich 250 nm bis 800 nm bei Volllast	Siehe Bild auf letzter Seite
	Breite	50		
	Tiefe	50		
Angabe zu einer gleichwertigen Leistungsaufnahme ^(a)		-	Falls ja, gleichwertige Leistungsaufnahme (W)	-
			Farbwertanteile (x und y)	0,381 0,382
Parameter für LED- und OLED-Lichtquellen:				
Wert des R9-Farbwiedergabeindex		4	Lebensdauerfaktor	0,90
Lichtstromerhalt		0,96		

(a) „-“: nicht zutreffend;

(b) „-“: nicht zutreffend;

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: x=0.3817 y=0.3827
 Chromaticity Coordinate: u*=0.2236 v*=0.5044 (duv=2.39e-03)
 Tc=4010K Dominant WL: Ld=577.8nm Purity=29.4% Centroid WL: 569.0nm
 Ratio: R=19.5% G=77.5% B=3.0% Peak WL: Lp=450.0nm HML: 23.5nm
 Render Index: Ra=82.2
 R1 =80 R2 =87 R3 =94 R4 =82 R5 =80 R6 =83 R7 =86
 R8 =64 R9 =4 R10=70 R11=82 R12=62 R13=82 R14=97 R15=73

Photo Parameters:

Flux: 478.25 lm Fe: 1.4389 W Efficacy: 95.04 lm/W

A detailed product data sheet for the GOHDLAMP GU10 LED bulb, providing comprehensive technical specifications and compliance information.

9. WARRANTY AND CUSTOMER SUPPORT

GOHDLAMP is committed to providing high-quality lighting products. For any questions, concerns, or warranty inquiries regarding your GU10 LED bulbs, please contact the seller or manufacturer directly through your purchase platform. Refer to your purchase receipt for specific warranty terms and contact details.

You can also visit the official GOHDLAMP brand store for more information and support: [GOHDLAMP Brand Store](#)